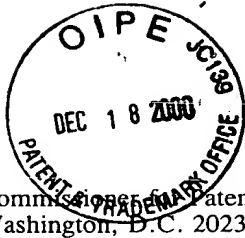


B. Alexander #4
166 2766 31707

General File No. 68511



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
Washington, D.C. 20231

Sir:

InterActual Technologies, Inc., a California Corporation, is the assignee of the entire interest in the subject patents and applications listed herein. InterActual Technologies, Inc., hereby revokes any and all powers of attorney and authorizations of agent heretofore made in respect to all patents and applications listed herein. InterActual Technologies, Inc., hereby appoints the following as its attorneys, with full power of substitution and revocation, to maintain and/or prosecute these patents and/or applications and to transact all business in the Patent and Trademark Office connected therewith and requests that all correspondence in respect to this application be directed to:

Thomas F. Lebens
FITCH, EVEN, TABIN & FLANNERY
Suite 1600, 120 South LaSalle Street,
Chicago, Illinois 60603-4277,
Telephone No. (858) 552-1311
CUSTOMER NUMBER 22242



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DEC 20 2000
Technology Center 2100

FETF DOCKET	INVENTOR	TITLE	S.N./PATENT NO.
68590	Collart	System, Method and Article of Manufacture for Targetted Update of Information Based on the Electronic Content of a Laser-centric Medium	09/295,856
68610	Collart	System, Method and Article of Manufacture for Interactive, Network Support of Information Based on the Electronic Content of a Laser-Centric Medium	09/296,202
68611	Collart	System, Method and Article of Manufacture for Authorizing the Use of Electronic Content Utilizing a Laser-Centric Medium	09/296,098
68612	Collart	System, Method and Article of Manufacture for Targetted Advertisement Based on the Electronic Content of a Laser-Centric Medium	09/295,688
68613	Collart	System, Method and Article of Manufacture for Authorizing the Use of Electronic Content Utilizing a Laser-Centric Medium and a Network Server	09/295,964
68614	Collart	System, Method and Article of Manufacture for Tracking the Distribution of Content Electronically Utilizing a Laser-Centric Medium	09/295,689

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JAN 31 2001
TC 2100 MAIL ROOM

FETF DOCKET	INVENTOR	TITLE	S.N./PATENT NO.
68615	Collart	System, Method and Article of Manufacture for the Purchase and Use of Electronic Content Utilizing a Laser-Centric Medium	09/295,826
68616	Collart	System, Method and Article of Manufacture for Updating Content Stored on a Portable Storage Medium	09/476,190
68617	Collart	System, Method and Article of Manufacture for Executing a Multimedia Event on a Plurality of Client Computers Using a Synchronization Host Engine	09/488,345
68618	Collart	System, Method and Article of Manufacture for Storing Synchronization History of the Execution of a Multimedia Event on a Plurality of Client Computers	09/488,337
68619	Collart	System, Method and Article of Manufacture for Overlay Synchronization During the Execution of a Multimedia Event on a Plurality of Client Computers	09/488,143
68620	Collart	System, Method and Article of Manufacture for Late Synchronization During the Execution of a Multimedia Event on a Plurality of Client Computers	09/488,613
68621	Collart	System, Method and Article of Manufacture for Java/Javascript Component in a Multimedia Synchronization Framework	09/488,155
68622	Collart	System, Method and Article of Manufacture for a Synchronizer Component in a Multimedia Synchronization Framework	09/489,600
68623	Collart	System, Method and Article of Manufacture for a Scheduler Component in a Multimedia Synchronization framework	09/488,614
68624	Collart	System, Method and Article of Manufacture for a Business layer Component in a Multimedia Synchronization Framework	09/489,601
68625	Collart	System, Method and Article of Manufacture for a Configuration Manager Component in a Multimedia Synchronization Framework	09/489,597

FETF DOCKET	INVENTOR	TITLE	S.N./PATENT NO.
68626	Collart	System, Method and Article of Manufacture for Embedded Keywords in Video	09/489,596
68627	Collart	System, Method and Article of Manufacture for Remote Control and Navigation of Local Content	09/499,247

InterActual Technologies, Inc.

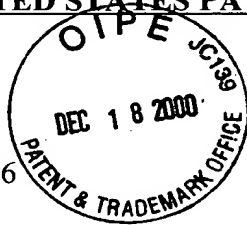


Allan Lamkin
Vice President

Dated: 11 / 29, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Collart)
U.S.S.N. 09/489,596)
Filed: 1/20/00)
For: SYSTEM, METHOD AND ARTICLE)
OF MANUFACTURE FOR)
EMBEDDED KEYWORDS IN)
VIDEO)
Group Art)
Unit:)
Examiner:)



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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

InterActual Technologies, Inc., a California Corporation, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of either:

A.☒ An assignment from the inventor(s), of the patent application identified above. The assignment was recorded in the Patent and Trademark Office on 1/20/00, at Reel 010562; Frame 0328.

OR

B.☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: To:
The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.
2. From: To:
The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and , to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

November 29, 2000

Allan Lamkin

Vice President, InterActual Technologies, Inc.

Allan B. Lamkin
Signature